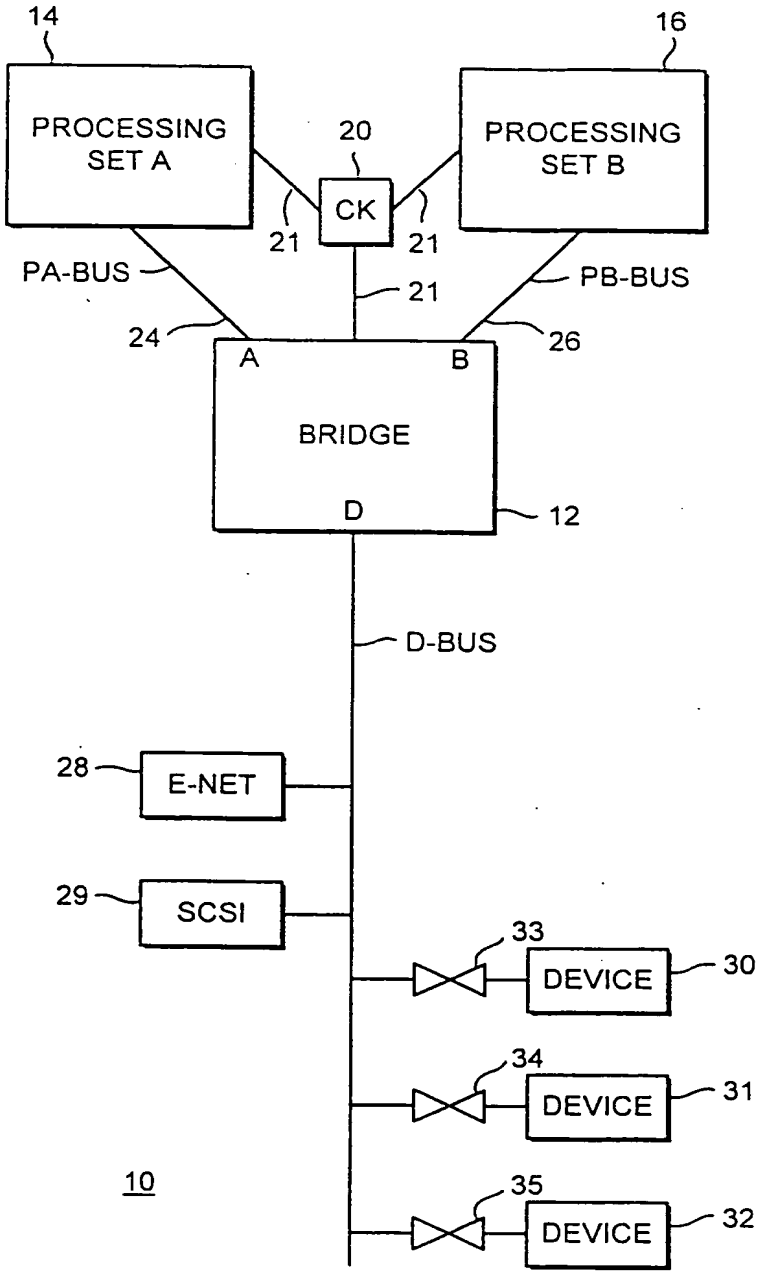

14
16
PROCESSING SET A
20
PROCESSING SET B
CK
21
21
PA-BUS
21
PB-BUS
24
26
A
B
BRIDGE
D
12
D-BUS
28
E-NET
29
SCSI
33
DEVICE
30
34
DEVICE
31
10
35
DEVICE
32

FIG. 1

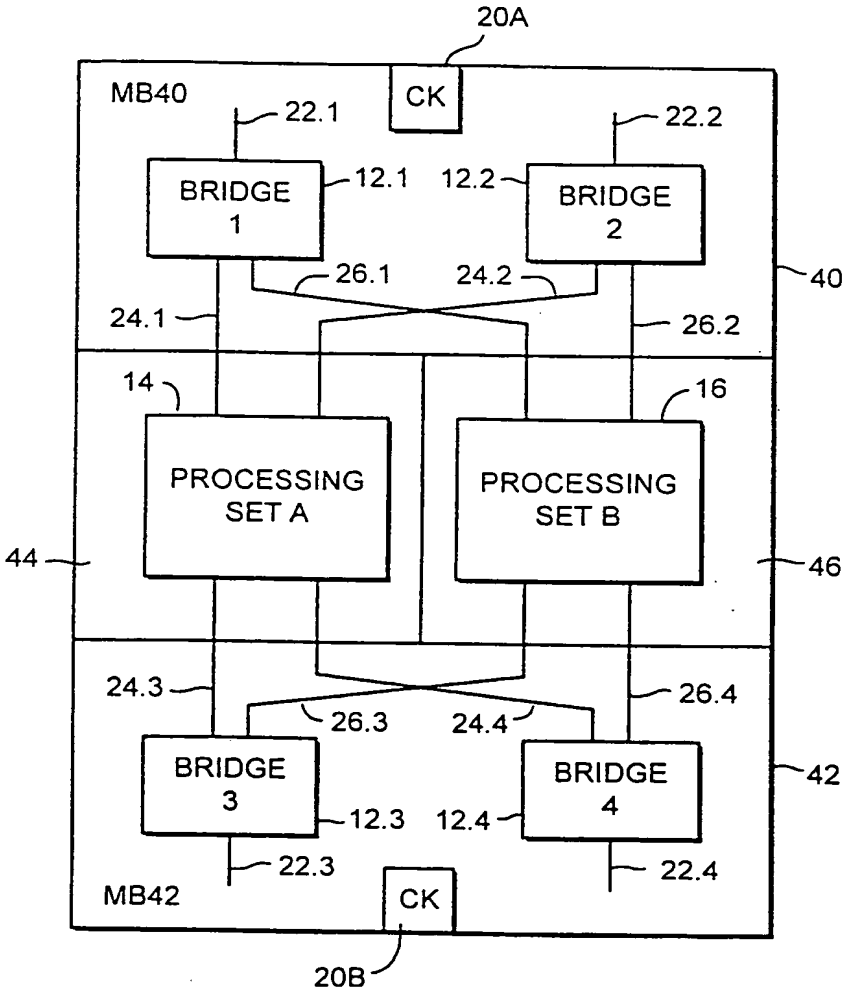

20A
MB40
CK
22.1
22.2
BRIDGE 1
12.1
12.2
BRIDGE 2
26.1
24.2
40
24.1
26.2
14
16
PROCESSING SET A
PROCESSING SET B
44
46
24.3
26.4
26.3
24.4
BRIDGE 3
BRIDGE 4
42
12.3
12.4
22.3
22.4
MB42
CK
20B

FIG. 2

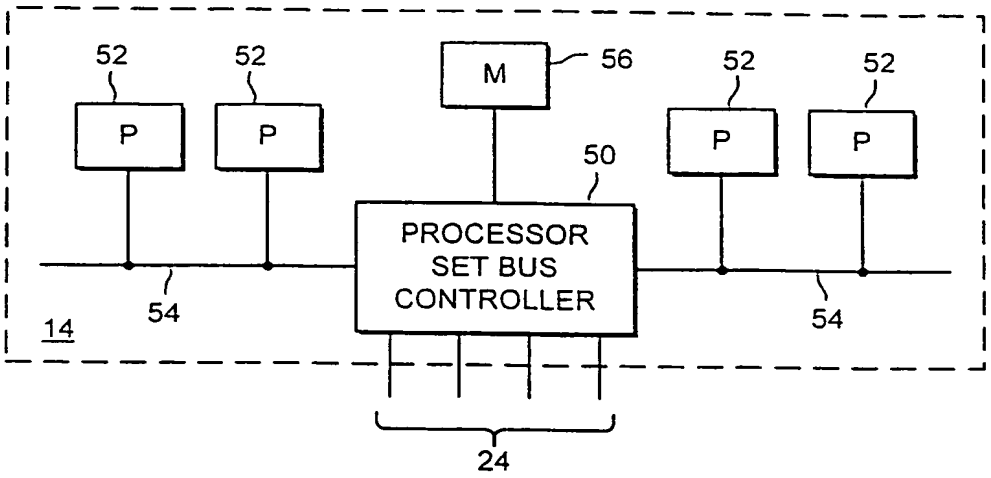

52
52
M
56
52
52
P
P
50
P
P
PROCESSOR
SET BUS
CONTROLLER
54
54
14
24

FIG. 3

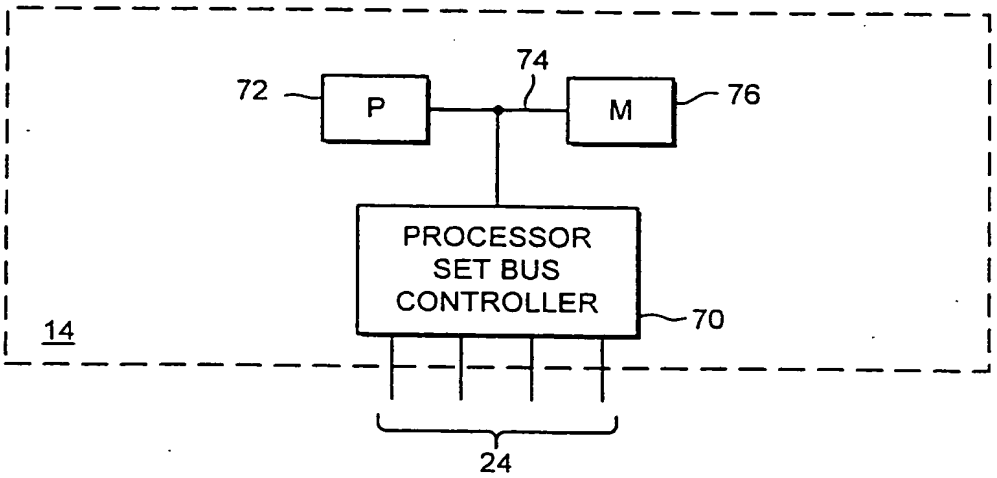

74
72
P
M
76
PROCESSOR
SET BUS
CONTROLLER
70
14
24

FIG. 4

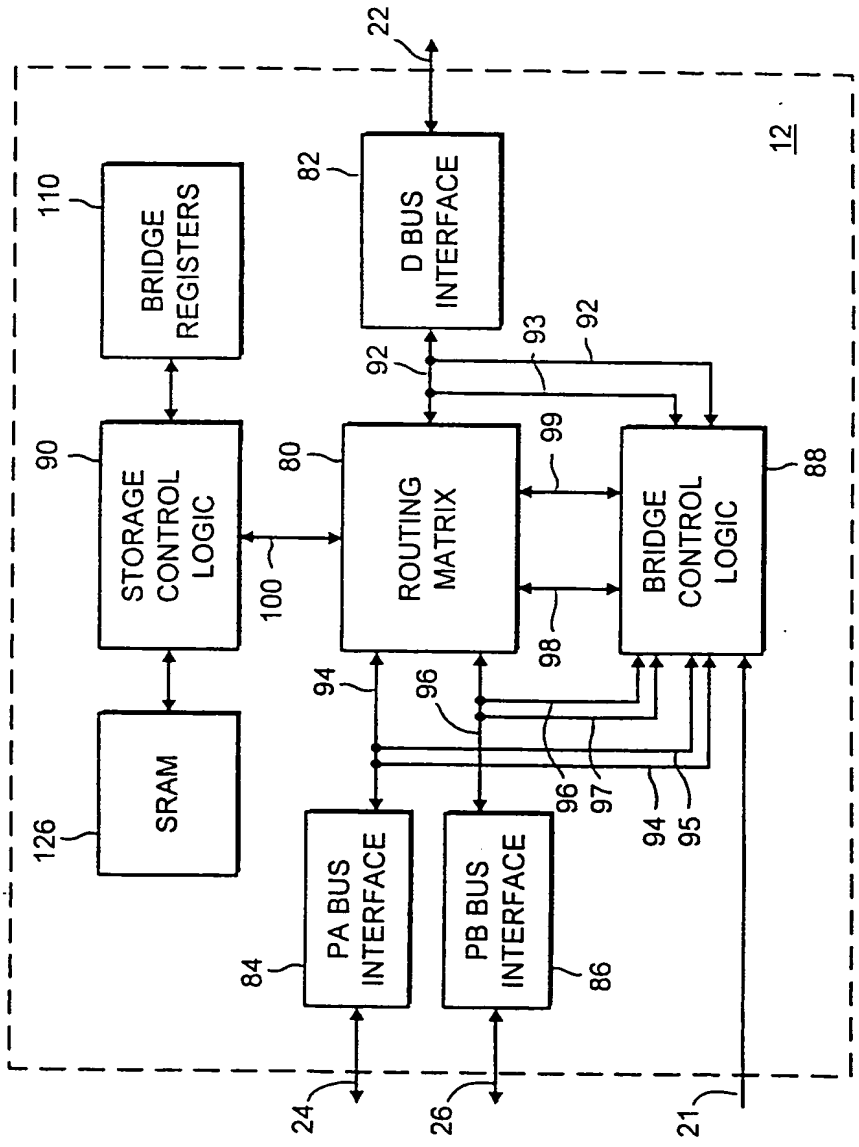

22
12
110
BRIDGE REGISTERS
82
D BUS INTERFACE
92
93
92
90
STORAGE CONTROL LOGIC
80
ROUTING MATRIX
99
BRIDGE CONTROL LOGIC
88
100
98
94
96
126
SRAM
96
97
94
95
84
PA BUS INTERFACE
PB BUS INTERFACE
86
24
26
21

FIG. 5

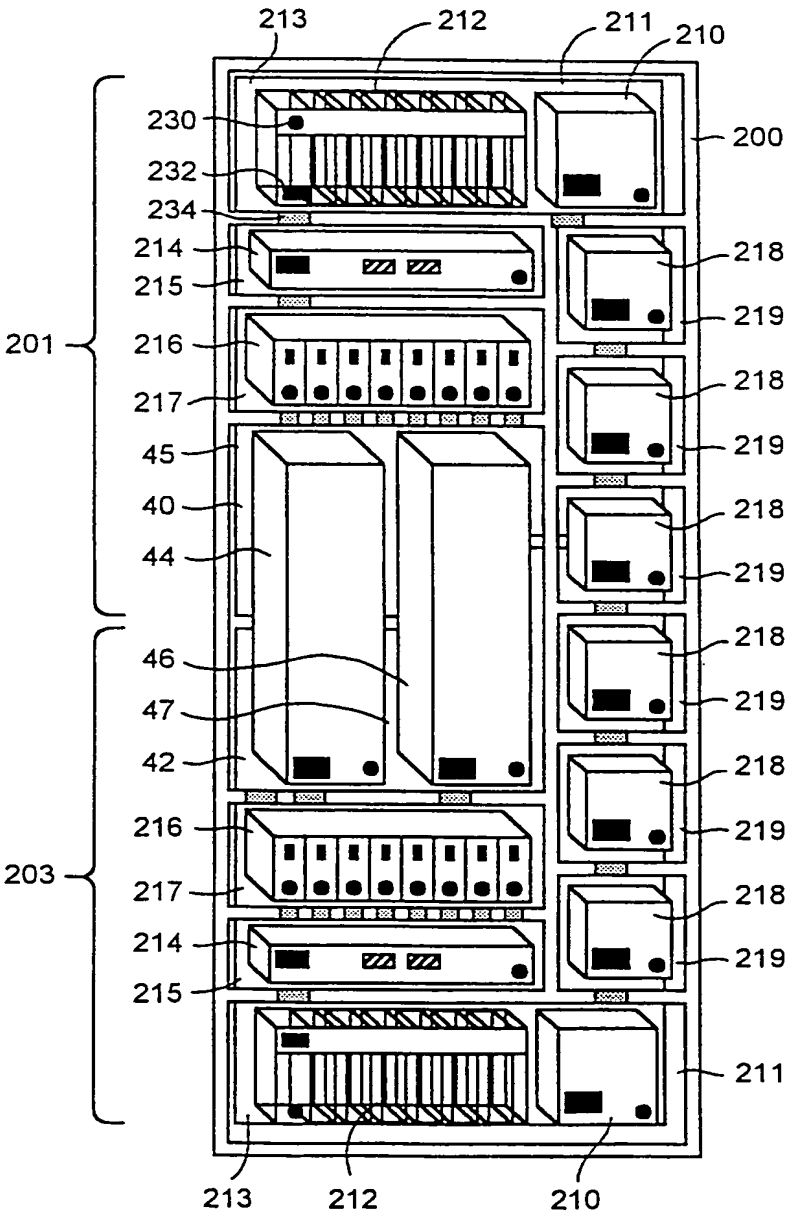
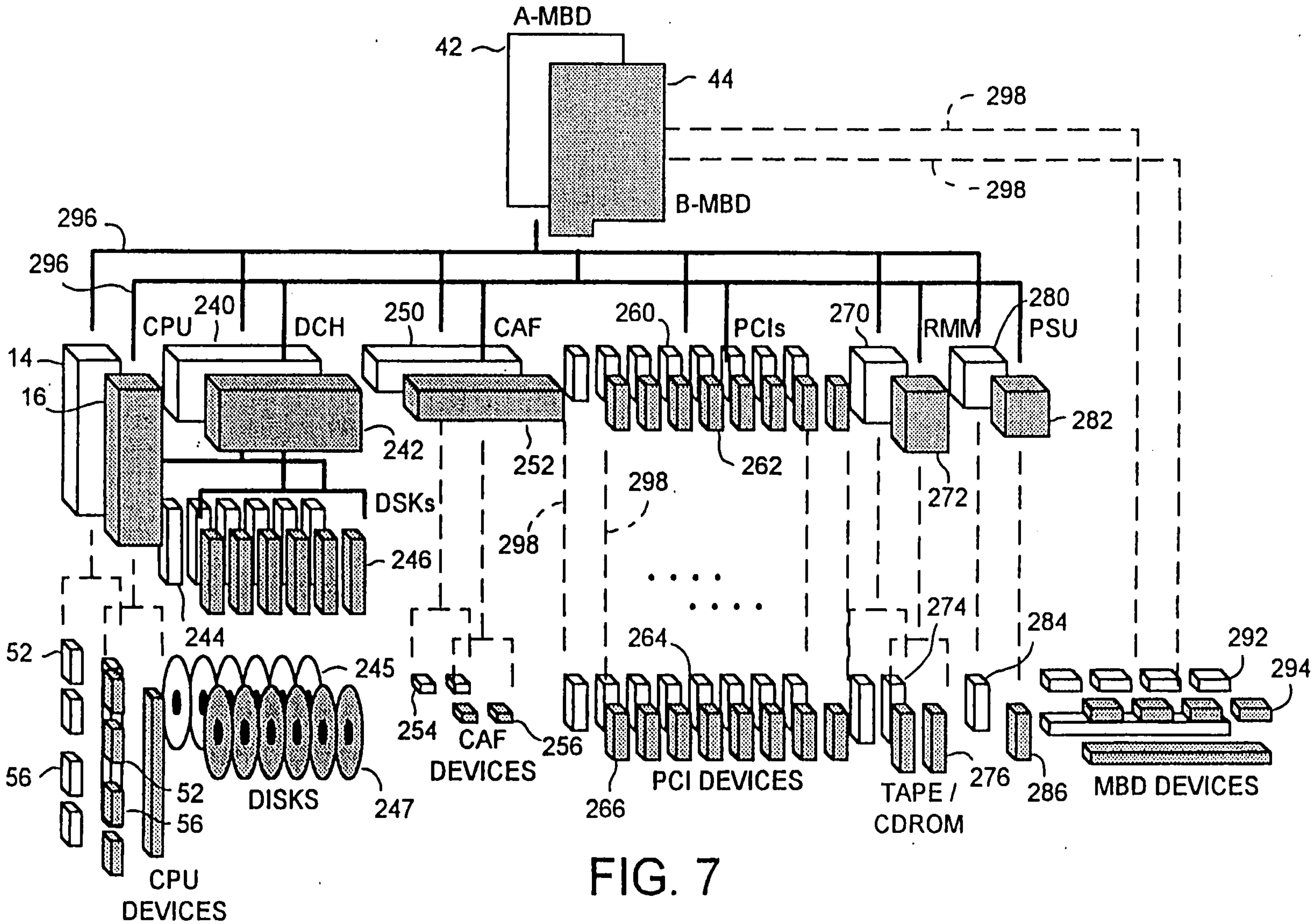

213
212
211
210
230
200
232
234
214
218
215
219
201
216
218
217
219
45
218
40
219
44
46
218
219
47
42
218
219
216
218
203
217
219
214
215
211
213
212
210

FIG. 6



A-MBD
42
44
B-MBD
298
298
296
296
CPU
240
DCH
250
CAF
260
PCIs
270
RMM
280
PSU
14
16
242
252
262
272
282
DSKs
246
298
298
244
245
52
56
52
56
DISKS
247
CPU
DEVICES
254
CAF
DEVICES
256
264
266
PCI DEVICES
274
TAPE /
CDROM
276
284
286
292
294
MBD DEVICES

FIG. 7

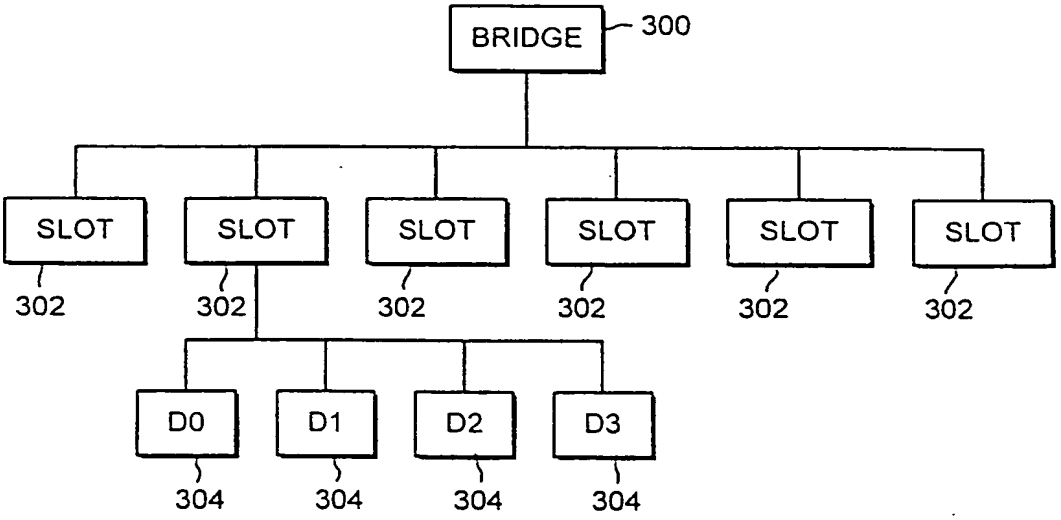

BRIDGE
300
SLOT
SLOT
SLOT
SLOT
SLOT
SLOT
302
302
302
302
302
302
D0
D1
D2
D3
304
304
304
304

FIG. 8

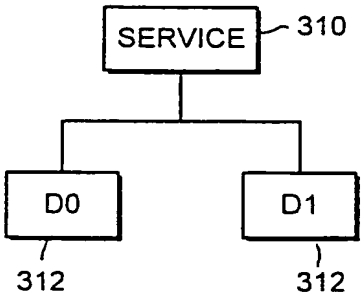

SERVICE
310
D0
D1
312
312

FIG. 9

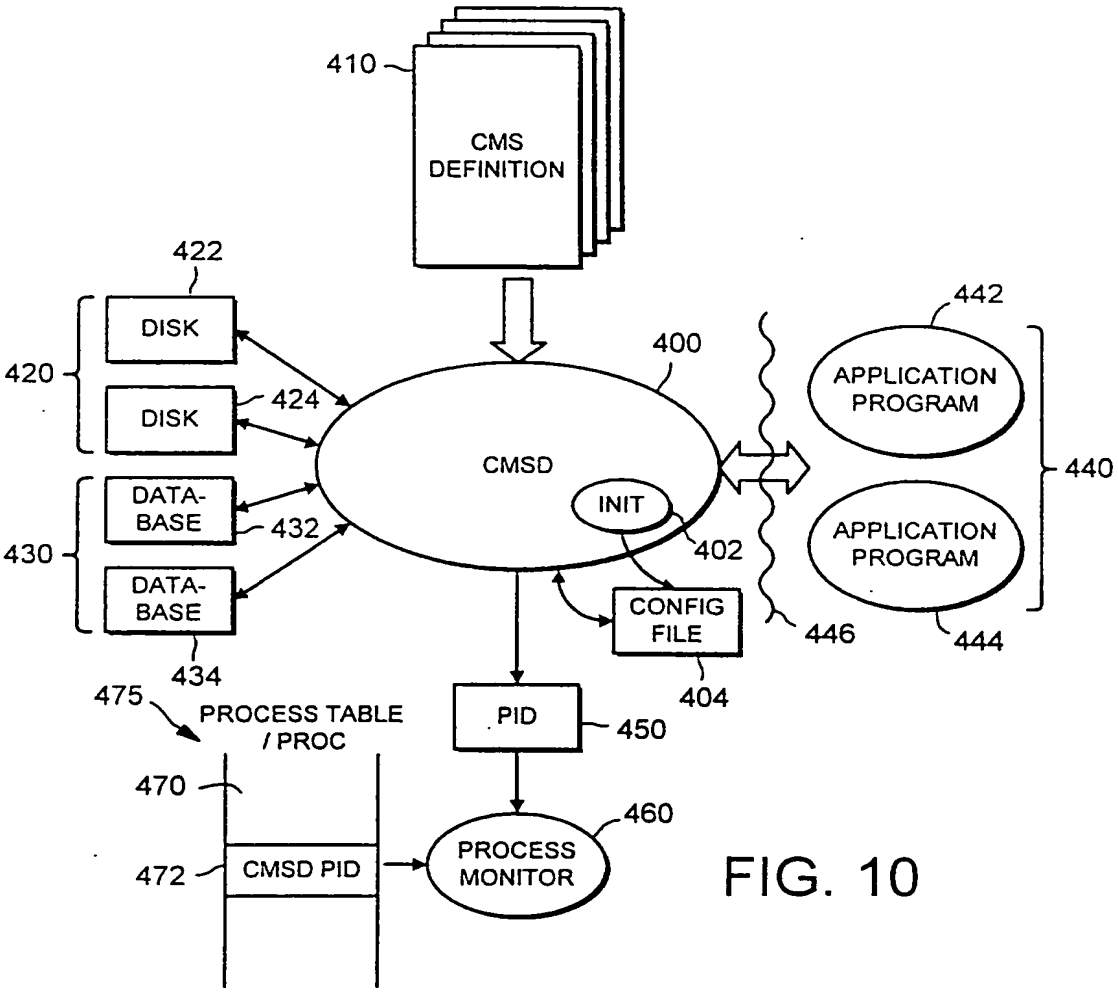

410
CMS DEFINITION
422
DISK
DISK
420
424
400
CMSD
INIT
402
DATA-BASE
DATA-BASE
430
432
434
CONFIG FILE
404
442
APPLICATION PROGRAM
APPLICATION PROGRAM
440
446
444
475
PROCESS TABLE / PROC
PID
450
470
472
CMSD PID
PROCESS MONITOR
460

FIG. 10

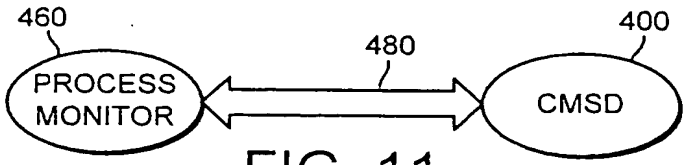


FIG. 11

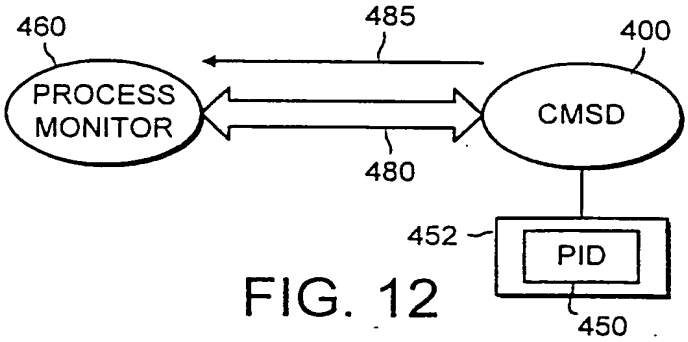


FIG. 12

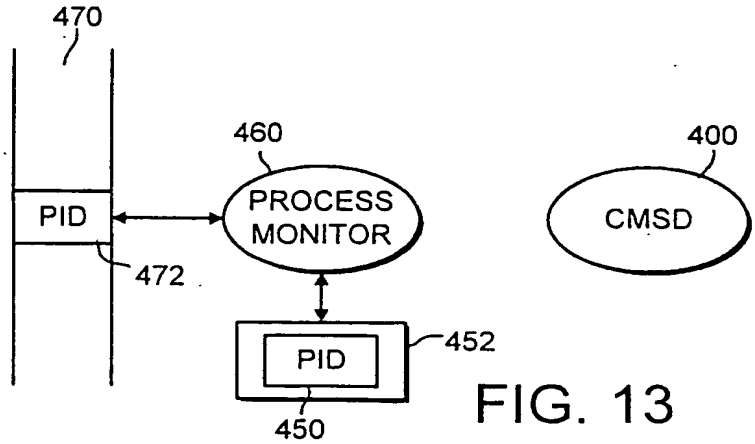


FIG. 13

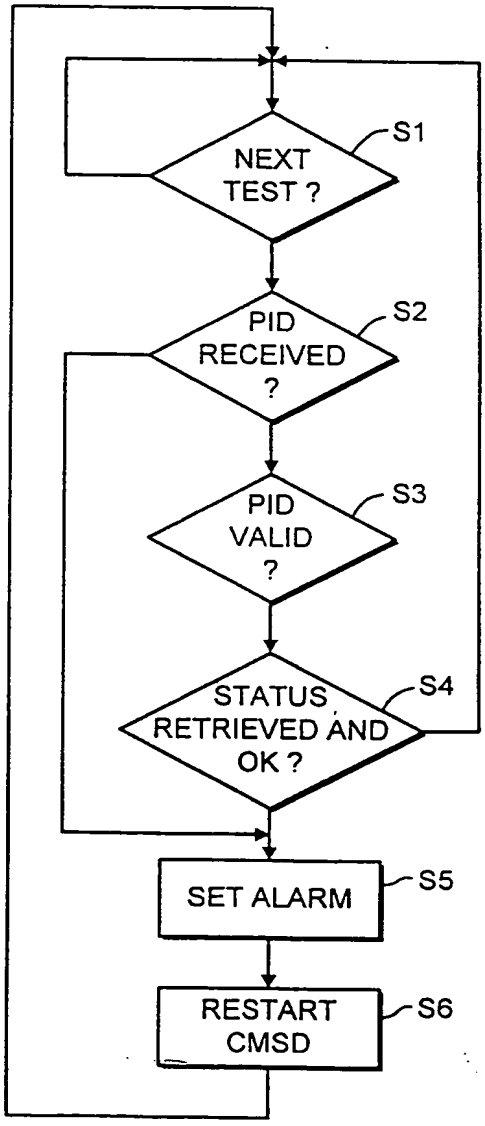

NEXT TEST ?
S1
PID RECEIVED ?
S2
PID VALID ?
S3
STATUS RETRIEVED AND OK ?
S4
SET ALARM
S5
RESTART CMSD
S6

FIG. 14

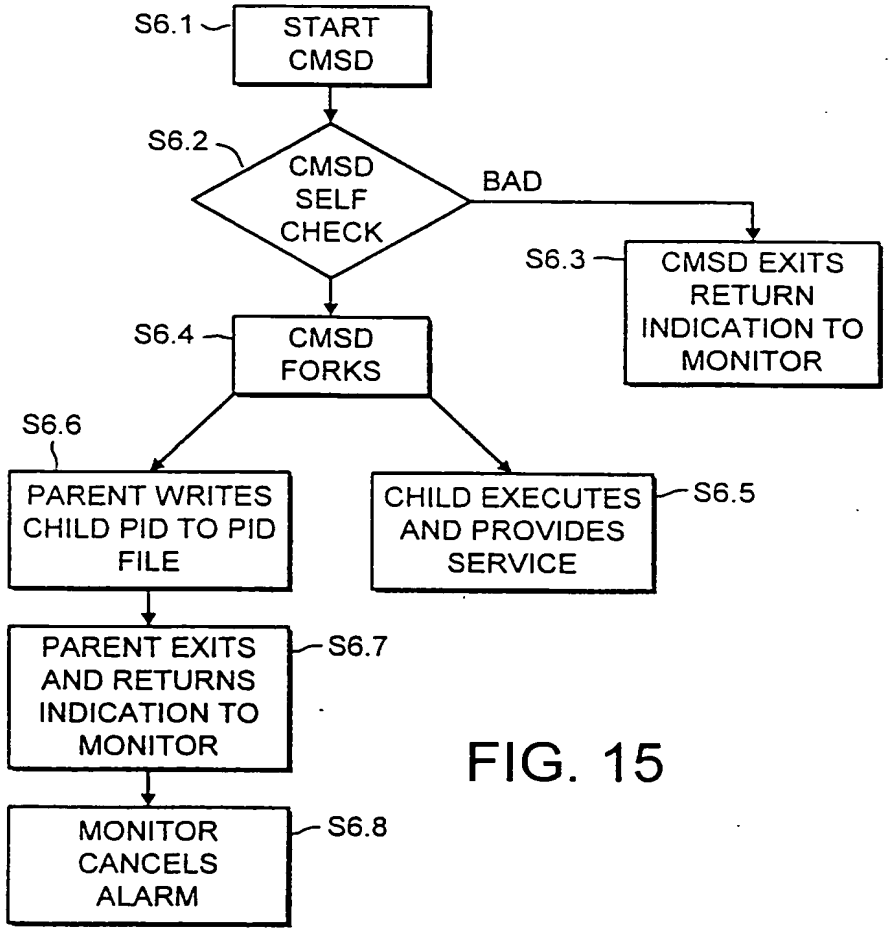

S6.1
START CMSD
S6.2
CMSD SELF CHECK
BAD
S6.3
CMSD EXITS RETURN INDICATION TO MONITOR
S6.4
CMSD FORKS
S6.6
PARENT WRITES CHILD PID TO PID FILE
CHILD EXECUTES AND PROVIDES SERVICE
S6.5
PARENT EXITS AND RETURNS INDICATION TO MONITOR
S6.7
MONITOR CANCELS ALARM
S6.8

FIG. 15

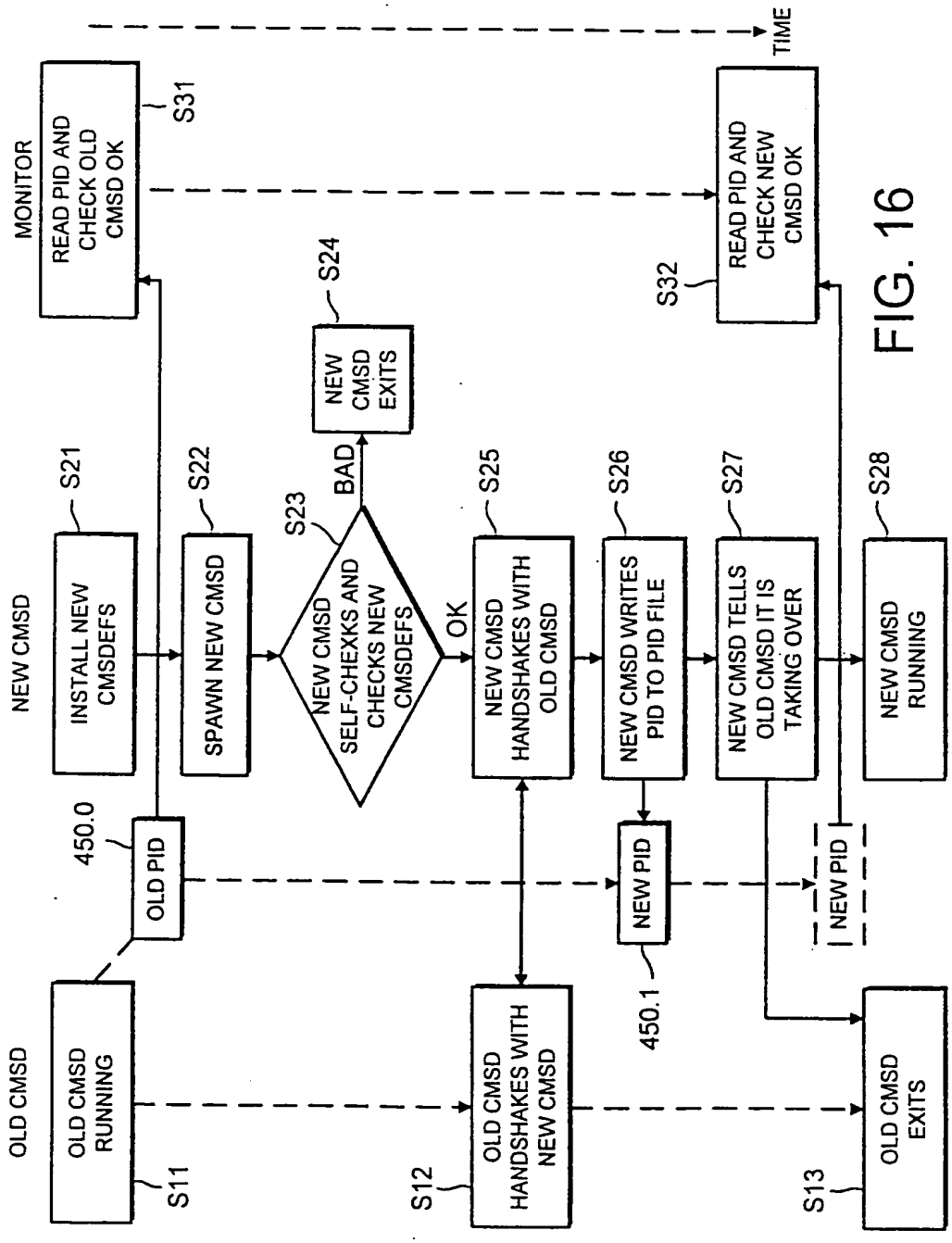

TIME
MONITOR
READ PID AND CHECK OLD CMSD OK
S31
READ PID AND CHECK NEW CMSD OK
S32
NEW CMSD
INSTALL NEW CMSDEFS
S21
SPAWN NEW CMSD
S22
NEW CMSD SELF-CHEXKS AND CHECKS NEW CMSDEFS
S23
BAD
NEW CMSD EXITS
S24
OK
NEW CMSD HANDSHAKES WITH OLD CMSD
S25
NEW CMSD WRITES PID TO PID FILE
S26
NEW CMSD TELLS OLD CMSD IT IS TAKING OVER
S27
NEW CMSD RUNNING
S28
450.0
OLD PID
NEW PID
450.1
NEW PID
OLD CMSD
OLD CMSD RUNNING
S11
OLD CMSD HANDSHAKES WITH NEW CMSD
S12
OLD CMSD EXITS
S13

FIG. 16

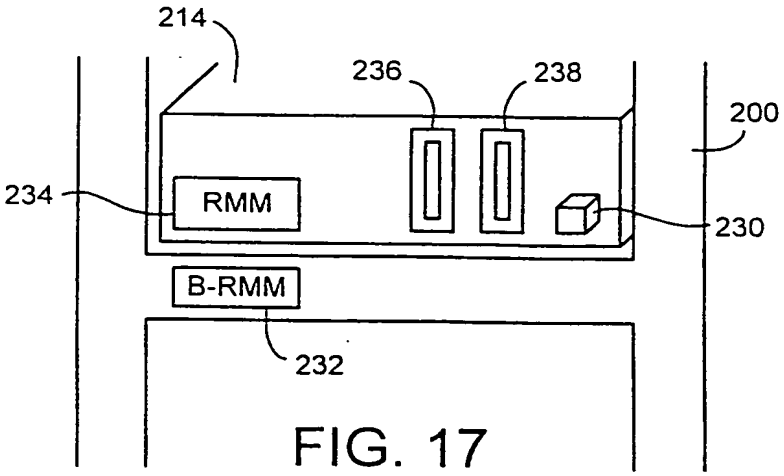


FIG. 17

CMS CONFIG
RMM 1 ACTION ENABLE RMM 1 LOCATION B-RMM

FIG. 18

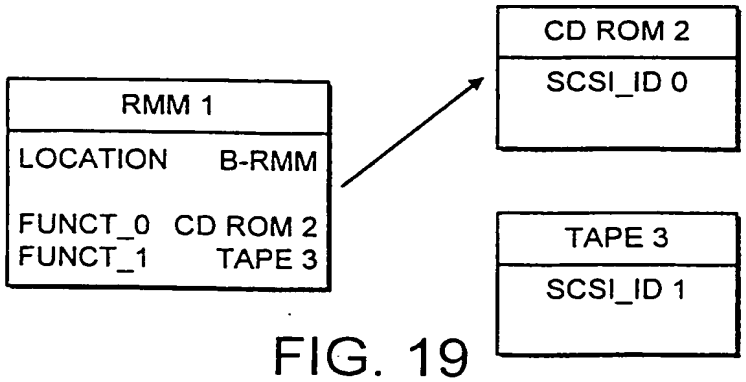


FIG. 19

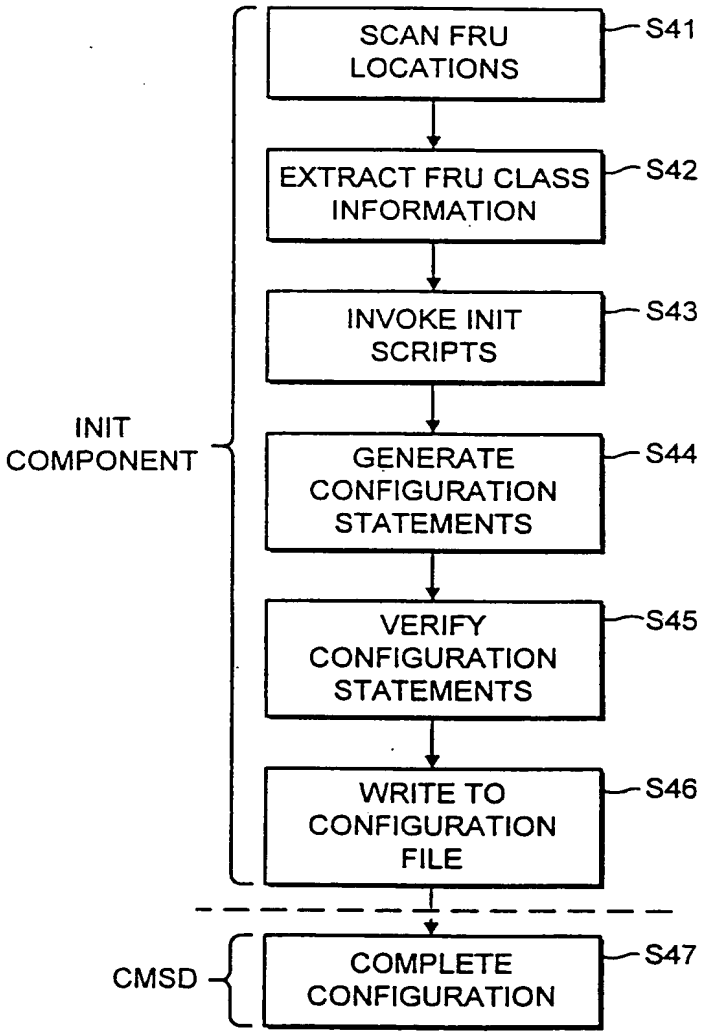

SCAN FRU LOCATIONS
S41
EXTRACT FRU CLASS INFORMATION
S42
INVOKE INIT SCRIPTS
S43
INIT COMPONENT
GENERATE CONFIGURATION STATEMENTS
S44
VERIFY CONFIGURATION STATEMENTS
S45
WRITE TO CONFIGURATION FILE
S46
CMSD
COMPLETE CONFIGURATION
S47

FIG. 20